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**FINAL POLREP****DATE: 5/14/92****FROM: BRAD BENNING, OSC, EERB, RESPONSE SECTION II**

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**U.S. COAST GUARD, DISTRICT 9, GREAT LAKES BASIN**  
**U.S. FISH & WILDLIFE SERVICE, ILLINOIS**

**SUBJECT: OTTAWA MERCURY SITE, OTTAWA, ILLINOIS**  
**Latitude: 41°19'38" Longitude: 88°50'30"**  
**POLREP: FINAL POLREP**

**SITE NO: PR**  
**D.O. NO: 7640-05-206**  
**RESPONSE AUTHORITY: CERCLA**  
**NPL STATUS: NON-NPL**  
**START DATE: 12/10/91**  
**DEMOBILIZATION DATE: 1/8/92**  
**COMPLETION DATE: 5/13/92**

**1. SITUATION**

The Ottawa/Grandadam site is a private residence located in Ottawa, LaSalle County, Illinois. On October 15 or 16, 1991, approximately 3 to 4 ounces of metallic mercury was spilled in the home by the children living there. On the same day the children spilled an unknown quantity of mercury into a backyard fire at the same residence. One of the children became ill and was diagnosed as having mercury poisoning. The other seven occupants of the home were tested and found to have elevated blood mercury levels. All occupants have vacated the premises by order of LaSalle County Health Department (LCHD). Investigations by the LCHD, Illinois Department of Public Health, and United States Environmental Protection Agency determined that the residence contained elevated levels of mercury that posed a threat to the health of the occupants.

**2. SITE ACTIVITIES**

12/27/91 through 12/31/91, TAT performed confirmation air monitoring using the Gillian air monitors.

On 1/6/92 site work starts up again. Results from the air monitoring were obtained and showed all samples to be under the ATSDR recommendation of 0.00026 mg/m<sup>3</sup>. ERCS crew begins to empty storage trailer. Furniture is washed twice and then placed in the house when confirmed clean. Other smaller items were bagged. A representative item from each bag was then read with the Jerome Mercury Vapor Analyzer to check for contamination. Items that were determined to be clean were placed in the house. Items that were contaminated were inventoried with a video camera and then placed into a roll-off box. Wallace Heating began installing new duct work.

On 1/7/92 ERCS crew finished emptying storage trailer and washing furniture. All items in bags were sampled and either inventoried and disposed of or placed in the house. Duct work installation is on going.

On 1/8/92 ERCS crew clean up debris left at site. Duct work installation is completed. Topsoil to fill in excavated areas in yard will be delivered and spread in spring due to weather conditions. Hazardous waste roll-off box is picked up. Non-hazardous roll-off box will be removed later due to soft ground. TAT, OSC and ERCS demobilize from site.

On 5/13/92 the landscape subcontractor delivered topsoil for backfill for the excavated areas in the yard. All site work is now completed.

### 3. NEXT STEPS

- Submission of the OSC Report will occur by June 30, 1992

### 4. RESULTS ACHIEVED

- Removal and disposal of contaminated articles
- Decontamination of house resulting in mercury vapor levels of 0.0001 mg/m<sup>3</sup>, well below the ATSDR recommendations of 0.00026 mg/m<sup>3</sup>
- Grandadam family moved back into house

### 5. COSTS

	<u>CEILING</u>	<u>COSTS TO DATE</u>	<u>BALANCE REMAINING</u>
ERCS	75,000	66,097	8,903
TAT	19,950	14,459	5,491
TOTAL	94,950	80,556	14,394

**8. DISPOSAL SUMMARY**

<b>WASTE STREAM</b>	<b>QUANTITY</b>	<b>DATE</b>	<b>DISPOSAL METHOD</b>	<b>FACILITY</b>
<b>MERCURY CONTAMINATED DEBRIS</b>	<b>20 yards</b>	<b>1/8/92</b>	<b>landfill</b>	<b>CID</b>
<b>DEBRIS</b>	<b>20 yards 20 yards</b>	<b>12/28/91</b>	<b>landfill landfill</b>	<b>Environ Tech</b>